

LUMMIA TECHNICAL DATA



PANEL CORE

- PB M2 ; Compliant with ANSI 208.1-2022 standards for physical properties.
- EPA TSCA Title VI compliant

PANEL SIZE

- Dimensions: 5' X 9'
- Thicknesses: 1/4", 1/2", 5/8", 11/16", 3/4", 1", 1-1/8"

SURFACE QUALITY STANDARDS

Crosscut	EN ISO 2409	< GT 2
Gloss rate	EN 13722	High Gloss > 90 GU (60°) Perfect Matt ≤ 6 GU (60°)
Microscratch resistance	DIN CEN TS 16611 (Method A)	≤ 20%
Scratch resistance	EN 438-2 with contrast material	High Gloss : 1.5 N Perfect Matt : 3.0 N
Chemical resistance	DIN 68861 part 1	Standard DIN 68930 fulfilled
Dry heat	EN 12722	7D (70°C +/- 2)
Wet heat	EN 12721	8B (70°C +/- 2)
Light fastness	EN 15187	Grey scale h ≥ level 4
Surface defect	AMK-MB-009 according to EN ISO 7823-3	Passed

Surface defects must not have a detrimental effect. Defects not larger than 1.0 mm² and detected from an observation distance of 0.7 m (27.5 po) and a viewing angle of about 300 during the evaluation of the surface are permissible. Max 1 defect par m² is permissible. The total number of defects allowed per board may be concentrated in one area or split across the panel.

Any defect in the perimeter of the board, up to 10 mm inward, is not considered as such because it is in an area that will be removed when processing.